

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. - 3. (canceled).

4. (new): An electric power converter including a main circuit unit including a switching unit that performs switching from a DC voltage including a DC voltage generated from an AC voltage to an AC voltage having an arbitrary frequency and an arbitrary voltage and that outputs the AC voltage; and a control unit including a storage unit that prestores setup information concerning setting for driving a load that includes an operating mode of the load or concerning setting for display, the control unit controlling a switching element that is a component of the switching unit based on information concerning an operation of the load preset by the storage unit and based on information emitted from various detectors included in the main circuit unit so that the switching element reaches a desired on/off operational state,

wherein the main circuit unit and the control unit are detachably attached to each other, and another control unit differing in a control manner can be newly attached to the single main circuit unit, and

wherein the main circuit unit includes a storage unit that stores at least characteristics concerning the main circuit unit, calibration values with respect to the various detectors, a production history, an operation history, and specifications.